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ANTISENSE OLIGONUCLEOTIDES CAPABLE OF...

Inventor: Salman Al-Mahmood EMC: EL 978573814 US

Sheet 1 of 5 Docket No. 1414-03 Piper Rudnick LLP (215) 656-3381

N.S cells not stimulated with bFGF

 $\boldsymbol{S}$  , cells stimulated with bFGF

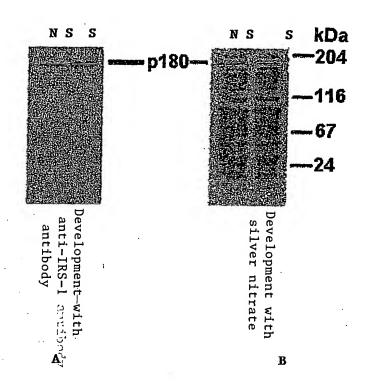


Fig.1

· ANTISENSE OLIGONUCLEOTIDES CAPABLE OF...

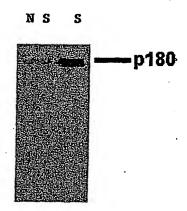
Inventor: Salman Al-Mahmood EMC: EL 978573814 US

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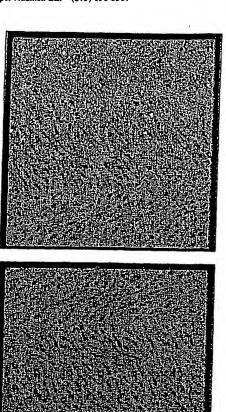
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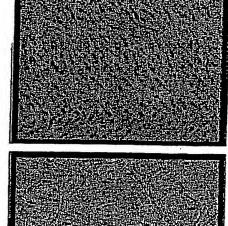
- $\mathbf{N}$   $\mathbf{S}$  cells not stimulated with bFGF
- $\mathbf{S}$  cells stimulated with bFGF

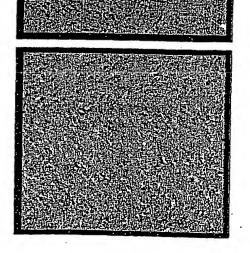


Development with anti-phosphotyrosine antibody

ANTISENSE OLIGONUCLEOTIDES CAPABLE OF...
Inventor: Salman Al-Mahmood
EMC: EL 978573814 US
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ANTISENSE OLIGONUCLEOTIDES CAPABLE OF...

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Figure 4A Subconjunctival injections of antisense oligonucleotides (60  $\mu$ M)

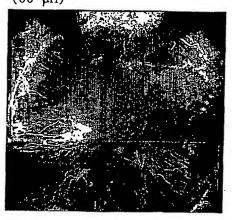


Figure 4C Topical applications of antisense oligonucleotide (200  $\mu M)$ 

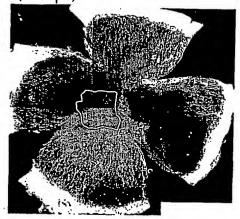


Figure 4E No treatment

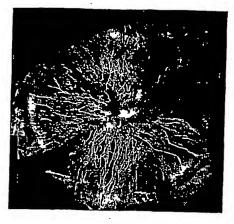


Figure 4B Subconjunctival injections of sense oligonucleotides (60  $\mu$ M)

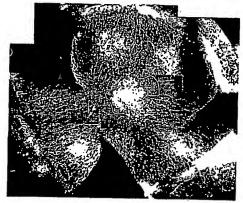


Figure 4D

Topical applications of sense oligonucleotide (200  $\mu M$ )

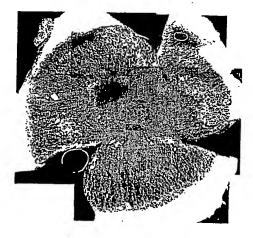


Figure 4F Subconjunctival injections of PBS

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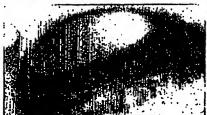


Figure 5B



Figure 5C



Figure 5D



Figure 5B

Fig. 5A - Day 4 AS [antisense] 60 Fig. 5B - Day 4 AS [antisense] 200

Fig. 5C - Day 4 S [sense] 200

Fig. 5D = Day 4 PBS

Fig. 5E - Day 4 No treatment

Fig. 5F - Day 9 AS [antisense] 60 Fig. 5G - Day 9 AS [antisense] 200

Fig. 5H - Day 9 S [sense] 200

Fig. 51 - Day 9 PBS

Fig. 5J - Day 9 No treatment



Figure 5F



Figure 5G



Figure 5H

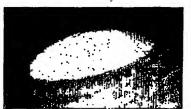


Figure 5I



Figure 5J